

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	47360	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/30 11:01
S2	7	("4038463" "4931168" "5998058" "6024848" "6083638" "6350539" "6365293").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 08:09
S3	47360	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 07:52
S4	129	S3 and (gdl gas adj diffusion) same hydrophobic same hydrophilic	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 14:55
S5	17	S3 and (gdl gas adj diffusion) same hydrophobic same hydrophilic same (carbon adj paper carbon adj cloth graphite adj paper graphite adj cloth mesh adj noble adj metal adj screen noble adj metal adj foam)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 08:02
S6	7	("4038463" "4931168" "5998058" "6024848" "6083638" "6350539" "6365293").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 08:09
S7	0	S6 and (gdl gas adj diffusion) same hydrophobic same hydrophilic	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 08:10
S8	3	S6 and (gdl gas adj diffusion)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 08:12
S9	6	S3 and (gdl gas adj diffusion) same water adj permeat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 08:14
S10	477	S3 and (gdl gas adj diffusion) and (carbon adj paper carbon adj cloth graphite adj paper graphite adj cloth mesh adj noble adj metal adj screen noble adj metal adj foam) and ((polytetrafluoroethylene PTFE) (fluorinated adj polyethylene adj polypropylene))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 14:24
S11	174	S3 and (gdl gas adj diffusion) same (carbon adj paper carbon adj cloth graphite adj paper graphite adj cloth mesh adj noble adj metal adj screen noble adj metal adj foam) same ((polytetrafluoroethylene PTFE) (fluorinated adj polyethylene adj polypropylene))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 08:25

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S12	158	S11 not S4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 08:25
S13	113	S3 and (gdl gas adj diffusion) same (carbon adj paper carbon adj cloth graphite adj paper graphite adj cloth mesh adj noble adj metal adj screen noble adj metal adj foam) same ((polytetrafluoroethylene PTFE) (fluorinated adj polyethylene adj polypropylene)) same (hydroph\$5 water permeat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 08:25
S14	8	("5500292" "5620807" "5958613" "6083638").PN. OR ("6365293").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 13:24
S15	2	S14 and (gdl gas adj diffusion)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 13:50
S16	41	("4643957" "4808493" "4894355").PN. OR ("5350643"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 15:36
S17	5	("5260143" "5272017" "5350643" "5366818" "6030718").PN. OR ("6576358"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:03
S18	47377	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 08:02
S19	11	S18 and (gdl gas adj diffusion) and hydrophobic same hydrophilic same (carbon adj paper carbon adj cloth graphite adj paper graphite adj cloth mesh adj noble adj metal adj screen noble adj metal adj foam) same (ptfe fep fluorinated adj ethylene adj polypropylene)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 08:03
S20	47	("4129685" "4344832" "4769297" "5108849" "5211984" "5234776" "5234777" "5252410" "5264299" "5300370" "5316871" "5472799").PN. OR ("5641586").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 08:09
S21	25	S20 and (hydrophilic hydrophobic water adj permeat\$4 water adj repel\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 08:09

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S22	11	("4175165" "4233181" "4769297" "5211984" "5501915" "5503944" "5641586" "5700595" "5840414" "6024848" "6376113").PN. OR ("6780533").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 08:20
S23	12	("4233181" "5503944" "5641586" "5700595" "5840414" "5853909" "6127057").PN. OR ("6379827").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 09:34
S24	22	Cipollini.inv.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 09:34
S25	47377	"429"/\$.cccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 14:20
S26	174	S25 and (gdl gas adj diffusion) same (carbon adj paper carbon adj cloth graphite adj paper graphite adj cloth mesh adj noble adj metal adj screen noble adj metal adj foam) same ((polytetrafluoroethylene PTFE) (fluorinated adj polyethylene adj polypropylene))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 14:20
S27	267	S25 and (gdl gas adj diffusion) and (carbon adj paper carbon adj cloth graphite adj paper graphite adj cloth mesh adj noble adj metal adj screen noble adj metal adj foam) with layer and ((polytetrafluoroethylene PTFE) (fluorinated adj polyethylene adj polypropylene hydrophobic)) with layer	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 14:25
S28	153	S25 and (gdl gas adj diffusion) and (carbon adj paper carbon adj cloth graphite adj paper graphite adj cloth mesh adj noble adj metal adj screen noble adj metal adj foam) with layer same ((polytetrafluoroethylene PTFE) (fluorinated adj polyethylene adj polypropylene hydrophobic)) with layer	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 14:29

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S29	112	S25 and (gdl gas adj diffusion) and (carbon adj paper carbon adj cloth graphite adj paper graphite adj cloth mesh adj noble adj metal adj screen noble adj metal adj foam) with layer same ((polytetrafluoroethylene PTFE) (fluorinated adj polyethylene adj polypropylene)) with layer	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 14:29
S30	119	S25 and (gdl gas adj diffusion) and (carbon adj paper carbon adj cloth graphite adj paper graphite adj cloth mesh adj noble adj metal adj screen noble adj metal adj foam) with layer same ((polytetrafluoroethylene PTFE) (fluorinated adj polyethylene adj polypropylene) FEP) with layer	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 14:29
S31	85	S25 and (gdl gas adj diffusion) same (carbon adj paper carbon adj cloth graphite adj paper graphite adj cloth mesh adj noble adj metal adj screen noble adj metal adj foam) with layer same ((polytetrafluoroethylene PTFE) (fluorinated adj polyethylene adj polypropylene) FEP) with layer	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 14:55
S32	7	S25 and (gdl gas adj diffusion) same hydrophobic with catalyst with carbon same hydrophilic with (ptfe fep)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 14:56
S33	27	("4835074" "4877694" "4892637" "5116592" "5232561" "5302274" "5312701" "5441823" "5521020" "5531883" "5538608" "5554739" "5561000" "5571311" "5630868" "5672198" "5698016" "5707432" "5733430" "5783325" "5837045" "5846670" "5851280" "5986876" "6031711" "6280871" "6399202").PN. OR ("6881511").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 15:08
S34	47377	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 15:10
S35	3102293	S34 and (hydrophilic lamina ptfe fep) adj layer same (hydrophobic carbon) adj layer same catalyst adj layer same (pem proton adj exchange) and capillary element	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 15:10

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S36	0	S34 and (hydrophilic lamina ptfe fep) adj layer same (hydrophobic carbon) adj layer same catalyst adj layer same (pem proton adj exchange) and capillary adj element	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 15:11
S37	0	S34 and (hydrophilic lamina ptfe fep) adj layer same (hydrophobic carbon) adj layer same catalyst adj layer and (gdl gas adj diffusion) and (pem proton adj exchange) and capillary	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 15:11
S38	2	S34 and (hydrophilic lamina ptfe fep) adj5 layer same (hydrophobic carbon) adj5 layer same catalyst and (gdl gas adj diffusion) and (pem proton adj exchange) and capillary	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 15:12
S39	0	S34 and ((hydrophilic lamina water) with (ptfe fep polytetrafluoroethylene fluorinated adj polyethylene adj polypropylene)) adj5 layer same ((hydrophobic water adj repell\$4) with carbon) adj5 layer same catalyst and (gdl gas adj diffusion) and (pem proton adj exchange) and capillary	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 15:15
S40	282	S34 and ((hydrophilic lamina water) with (ptfe fep polytetrafluoroethylene fluorinated adj polyethylene adj polypropylene)) same ((hydrophobic water adj repell\$4) with carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 15:16
S41	94	S34 and ((hydrophilic lamina water) with (ptfe fep polytetrafluoroethylene fluorinated adj polyethylene adj polypropylene)) same ((hydrophobic water adj repell\$4) with carbon) same (gdl gas adj diffusion)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 15:16

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S42	25	("20020142205" "20050084742" "3238068" "4175055" "4405544" "4468362" "4536272" "4659528" "5350643" "5626905" "5840438" "5935643" "5952119" "5998058" "6127059" "6194094" "6280870" "6280872" "6303245" "6350539" "6365293" "6368476" "6413664" "6444347").PN. OR ("6967039").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 08:49
S43	47377	"429"/\$.cccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 09:19
S44	55	S43 and (pem polymer adj electrolyte) and separator same capillary	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 09:20
S45	40680	S43 not (pem polymer adj electrolyte)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 09:21
S46	13	separator adj plate same capillary with (element extend via channel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 09:25
S47	0	separator adj plate same capillary with (element extend via channel) not S46	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 09:25
S48	12	separator adj plate same capillary with (element extend via channel) not S45	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 09:26
S49	0	S42 and separator adj plate same capillary with (element extend via channel) not S45	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 09:26
S50	0	S42 and separator adj plate same capillary with (element extend via channel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 09:26
S51	6	S43 and separator adj plate same capillary with (element extend via channel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 09:28
S52	7	S43 and separator adj plate same capillary not S45	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 09:36
S53	7	S43 and (mea membrane adj electrode) same capillary with (channels via extend) not S45	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 09:37